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|-------------------------------------------------------------------------------------------------------------------------------|--|------------------------|---------------|-------------|---|
| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br>(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b)) |  | Attorney Docket No.    | SP02-143      | Total Pages | 2 |
| First Named Inventor or Application Identifier: Ye Fang                                                                       |  |                        |               |             |   |
| Title : TOXIN DETECTION AND COMPOUND SCREENING USING BIOLOGICAL<br>MEMBRANE MICROARRAYS                                       |  |                        |               |             |   |
|                                                                                                                               |  | Express Mail Label No. | EV327188254US |             |   |

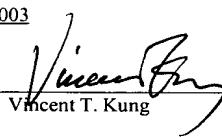
**CERTIFICATE OF EXPRESS MAIL UNDER 37 CFR 1.10:**

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is Addressed to Mail Stop Patent Application, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450

on June 24, 2003

(Date)

Signature



Vincent T. Kung

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ADDRESS TO:  
Mail Stop Patent Application  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

|                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                         |                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. <input checked="" type="checkbox"/> * Fee Transmittal Form<br>(Submit an original and a duplicate for fee processing)                                                                                                                                                                                                                                                                                                              | 5. <input type="checkbox"/> Microfiche Computer Program (Appendix)                                                                      |                                                                                                                                                           |
| 2. <input checked="" type="checkbox"/> Specification<br>(preferred arrangement set forth below)                                                                                                                                                                                                                                                                                                                                       | 6. Nucleotide and/or Amino Acid Sequence Submission<br>(if applicable, all necessary)                                                   |                                                                                                                                                           |
| [Total Pages] 25                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                         | a. <input type="checkbox"/> Computer Readable Copy                                                                                                        |
| - Descriptive title of the Invention                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                         | b. <input type="checkbox"/> Paper Copy (identical to computer copy)                                                                                       |
| - Cross References to Related Applications                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                         | c. <input type="checkbox"/> Statement verifying identity of above copies                                                                                  |
| - Statement Regarding Fed sponsored R&D                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                         |                                                                                                                                                           |
| - Reference to Microfiche Appendix                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                         |                                                                                                                                                           |
| - Background of the Invention                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                         |                                                                                                                                                           |
| - Brief Summary of the Invention                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                         |                                                                                                                                                           |
| - Brief Description of the Drawings (if filed)                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                         |                                                                                                                                                           |
| - Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                         |                                                                                                                                                           |
| - Claim(s)                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                         |                                                                                                                                                           |
| - Abstract of the Disclosure                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                         |                                                                                                                                                           |
| 3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. § 113)                                                                                                                                                                                                                                                                                                                                                                   | [Total Sheets] 8                                                                                                                        | 7. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))                                                                      |
| 4. Oath or Declaration                                                                                                                                                                                                                                                                                                                                                                                                                | [Total Pages] 2                                                                                                                         | 8. <input checked="" type="checkbox"/> 37 C.F.R. § 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney<br>(when there is an assignee) |
| a. <input checked="" type="checkbox"/> Executed (original or copy)                                                                                                                                                                                                                                                                                                                                                                    | 9. <input type="checkbox"/> English Translation Document (if applicable)                                                                |                                                                                                                                                           |
| b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d))<br>(for continuation/divisional with Box 16 completed)                                                                                                                                                                                                                                                                                                | 10. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations           |                                                                                                                                                           |
| i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u><br>Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).                                                                                                                                                                                                                                                 | 11. <input type="checkbox"/> Preliminary Amendment                                                                                      |                                                                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                       | 12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br>(should be specifically itemized)                         |                                                                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                       | 13. <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Other:<br>(if foreign priority is claimed) |                                                                                                                                                           |
| 16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:                                                                                                                                                                                                                                                                                                    | 15. <input type="checkbox"/> Other:                                                                                                     |                                                                                                                                                           |
| <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional. <input type="checkbox"/> Continuation-in-part (CIP) of prior application No                                                                                                                                                                                                                                                                                |                                                                                                                                         |                                                                                                                                                           |
| Prior application information: Examiner: Group / Art Unit:                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                         |                                                                                                                                                           |
| For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. |                                                                                                                                         |                                                                                                                                                           |

**17. CORRESPONDENCE ADDRESS**

Customer Number or Bar Code Label 22928 or  Correspondence address below

|                   |                                   |           |                |          |                |
|-------------------|-----------------------------------|-----------|----------------|----------|----------------|
| NAME              |                                   |           |                |          |                |
| ADDRESS           | Corning Incorporated, SP-TI-3-1   |           |                |          |                |
| CITY              | Corning                           | STATE     | NY             | ZIP CODE | 14831          |
| COUNTRY           | USA                               | TELEPHONE | (607) 974-0608 | FAX      | (607) 974-3848 |
| Name (Print/Type) | Registration No. (Attorney/Agent) |           |                | 40,424   |                |
| Signature         |                                   |           |                | Date     | June 24, 2003  |

17707  
96/24/03  
U.S. PTO

# FEE TRANSMITTAL for FY 2003

**TOTAL AMOUNT OF PAYMENT (\$1,374.00)**

**METHOD OF PAYMENT (check one)**

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **03-3325**

Deposit Account Name **Corning Incorporated**

Charge Any Additional Fees Required  
Under 37 C.F.R. §§ 1.16 and 1.17

2.  Payment Enclosed:

Check  Money Order  Other

**FEE CALCULATION**

**1. BASIC FILING FEE**

| Large Entity        | Fee Code | Fee (\$) | Fee Description        | Fee Paid          |
|---------------------|----------|----------|------------------------|-------------------|
|                     | 1001     | 750      | Utility filing fee     | <u>750.00</u>     |
|                     | 1002     | 330      | Design filing fee      | _____             |
|                     | 1003     | 520      | Plant filing fee       | _____             |
|                     | 1004     | 750      | Reissue filing fee     | _____             |
|                     | 1005     | 160      | Provisional filing fee | _____             |
| <b>SUBTOTAL (1)</b> |          |          |                        | <b>(\$750.00)</b> |

**2. EXTRA CLAIM FEES**

|                    |  | Extra Fee from<br>Claims below | Fee Paid |
|--------------------|--|--------------------------------|----------|
| Total Claims       |  | 50 - 20** = 30 x 18 =          | 540.00   |
| Independent Claims |  | 4 - 3** = 1 x 84 =             | 84.00    |

Multiple Dependent 0 = 0.00

*\*\*or number previously paid, if greater; For Reissues, see below*

| Large Entity        | Fee Code | Fee (\$) | Fee Description                                               |
|---------------------|----------|----------|---------------------------------------------------------------|
|                     | 1202     | 18       | Claims in excess of 20                                        |
|                     | 1201     | 84       | Independent claims in excess of 3                             |
|                     | 1203     | 280      | Multiple dependent claim, if not paid                         |
|                     | 1204     | 84       | ** Reissue independent claims over<br>original patent         |
|                     | 1205     | 18       | ** Reissue claims in excess of 20<br>and over original patent |
| <b>SUBTOTAL (2)</b> |          |          | <b>(\$624.00)</b>                                             |

| <b>Complete if Known</b> |                 |
|--------------------------|-----------------|
| Application Number       | To Be Assigned  |
| Filing Date              | Herewith        |
| First Named Inventor     | Ye Fang, et al. |
| Examiner Name            | To Be Assigned  |
| Group / Art Unit         | To Be Assigned  |

Attorney Docket Number **SP02-143**

17858 U.S. PTO  
10/60242 06/24/03

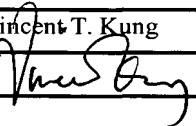
**FEE CALCULATION (continued)**

**3. ADDITIONAL FEES**

| Large Entity | Fee Code | Fee (\$) | Fee Description                                                               | Fee Paid |
|--------------|----------|----------|-------------------------------------------------------------------------------|----------|
|              | 1051     | 130      | Surcharge - late filing fee or oath                                           | _____    |
|              | 1052     | 50       | Surcharge - late provisional filing fee or<br>cover sheet                     | _____    |
|              | 1053     | 130      | Non-English specification                                                     | _____    |
|              | 1812     | 2,520    | For filing a request for reexamination                                        | _____    |
|              | 1804     | 920*     | Requesting publication of SIR prior to<br>Examiner action                     | _____    |
|              | 1805     | 1,840    | Requesting publication of SIR after<br>Examiner action                        | _____    |
|              | 1251     | 110      | Extension for reply within first month                                        | _____    |
|              | 1252     | 410      | Extension for reply within second month                                       | _____    |
|              | 1253     | 930      | Extension for reply within third month                                        | _____    |
|              | 1254     | 1,450    | Extension for reply within fourth month                                       | _____    |
|              | 1255     | 1,970    | Extension for reply within fifth month                                        | _____    |
|              | 1401     | 320      | Notice of Appeal                                                              | _____    |
|              | 1402     | 320      | Filing a brief in support of an appeal                                        | _____    |
|              | 1403     | 280      | Request for oral hearing                                                      | _____    |
|              | 1451     | 1,510    | Petition to institute a public use proceeding                                 | _____    |
|              | 1452     | 110      | Petition to revive - unavoidable                                              | _____    |
|              | 1453     | 1,300    | Petition to revive - unintentional                                            | _____    |
|              | 1501     | 1,300    | Utility issue fee (or reissue)                                                | _____    |
|              | 1502     | 470      | Design issue fee                                                              | _____    |
|              | 1503     | 630      | Plant issue fee                                                               | _____    |
|              | 1460     | 130      | Petitions to the Commissioner                                                 | _____    |
|              | 1807     | 50       | Petitions related to provisional applications                                 | _____    |
|              | 1806     | 180      | Submission of Information Disclosure Stmt                                     | _____    |
|              | 8021     | 40       | Recording each patent assignment per<br>property (times number of properties) | _____    |
|              | 1809     | 750      | Filing a submission after final rejection<br>(37 C.F.R. § 1.129(a))           | _____    |
|              | 1810     | 750      | For each additional invention to be<br>examined (37 C.F.R. § 1.129(b))        | _____    |
|              | 1801     | 750      | Request for Continued Examination (RCE)                                       | _____    |
|              | 1802     | 900      | Request for expedited examination of<br>a design application                  | _____    |

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$)**

| <b>SUBMITTED BY</b> |                                                                                     | <b>Completed (if applicable)</b>  |               |
|---------------------|-------------------------------------------------------------------------------------|-----------------------------------|---------------|
| Name (Print/Type)   | <b>Vincent T. Kung</b>                                                              | Registration No. (Attorney/Agent) | <b>45,797</b> |
| Signature           |  | Date                              | June 24, 2003 |